

**WHAT IS CLAIMED IS:**

1. A pink light emitting diode, comprising :

a blue LED chip; and

a mixing fluorescent powder, which includes a yellow fluorescent powder and a  
5 red fluorescent powder, being covered on the blue LED chip, wherein the  
yellow fluorescent powder capable of absorbing a part of blue light emitted by  
blue LED chip and emitting yellow wavelength light, the red fluorescent  
powder capable of absorbing a part of blue light emitted by blue LED chip and  
emitting red emitting light, so that mixing the blue light, yellow light, and the  
10 red light to produce the pink light emitting diode.

2. A pink light emitting diode according to claim 1, wherein the blue light chip  
has an emission light in a region of wavelength 425 nm to 455 nm.

3. A pink light emitting diode according to claim 1, wherein the red fluorescent  
powder has component of  $\text{Mg}_6\text{As}_2\text{O}_{11} : \text{Mn}$   
15 or  $3.5\text{MgO} \cdot 0.5\text{MgF}_2 \cdot \text{GeO}_2 : \text{Mn}$ .

4. A pink light emitting diode according to claim 1, wherein the region of the  
color coordinate from pink light emitting diode is to surround the coordinate of  
(0.1550, 0.03) 、 (0.165 、 0.2) 、 (0.68 、 0.32) 、 (0.5 、 0.48) of CIE.

5. A pink light emitting diode according to claim 1, wherein the yellow  
20 fluorescent powder has component of  $\text{Y}_3\text{Al}_5\text{O}_{12} : \text{Ce}$  or  $(\text{YGd})_3\text{Al}_5\text{O}_{12} : \text{Ce}$ .